

Experiment Rubric

Name: _____

Period 1 2 3 4 5 6

Parts 5-8 may be resubmitted for additional credit

Part	Name	Description of Field (Includes for full credit)	Points
1	State the Challenge	What is the setup that is being measured?	2
2	Hypothesis	-Hypothesis (what you think the answer will be for the challenge) -Explanation of why you think that is the answer	1 1
3	Explain Methods	-List the materials used -Explain the procedure for measuring, step by step -Diagram and label the setup, so others could replicate results	1 2 2
4	Raw Data	-Record measurements in a data TABLE -Include units for the measurements -More measurements are better	2 1 3
5	Graph	-Data is graphed -Graph is labeled: both X & Y axis, units -Graph starts at 0	2 1 1
6	Interpreting Data & Graph	-Odd data is explained -The relationship between X & Y is determined: what kind of line or curve?	1 2
7	Knowledge Claim	-Identifies result of measurements and analysis -What are the limits of the claim you can make? -How could future investigations make better claims?	3 1 1
8	Presentation	-Communicates parts 1-8 -Shows care and clarity	4 4

Due WED 10/21

- no more class time to work on project except for verifying questions at the beginning of class
- Everyone has all parts 1-7 in their notebook
- Glue this rubric on page 25
 - on the left of each part, tell Leslie where to find that part in your notebook
- Presentations limited to 3 people per group
- Can do individual presentation
- Ready to go on 10/21 or deduction.